Video Segmentation

Image → Classified Regions

R-CNN

Image → Region Proposal $\xrightarrow{CNN}$ Classification

U-Net

Input $\xrightarrow{Conv.}$

keep Spatial Info →

↓

Pool → $\xrightarrow{Conv.}$ Output

Reduce

details

↑ Conv. ... ↑ up-conv

↓ → up-Conv.

Recover Detai
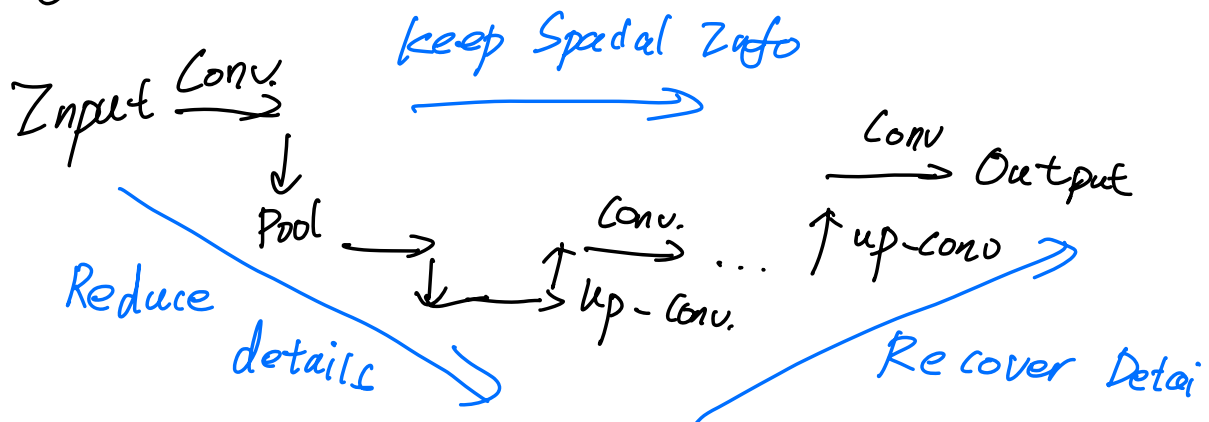
Contraction 收缩

Expansion 扩张

Image Seg	Video Seg
Frame-based	① Frame-frame association
	② smooth in continous frame